methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) The term *product* shall mean zinc metal.

§ 421.82 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable technology currently available:

EFFLUENT LIMITATIONS

Effluent characteristics	Maximum for any 1 day	Average of Daily values for 30 consecutive days shall not exceed
	(1) Metric Units (kg/kkg of product) (1) English Units (pounds per 1,000 pounds of product)	
TSS	0.42	0.21
As	0.0016	0.0008
Cd	0.008	0.004
Se	0.08	0.04
Zn	0.08	0.04
pH	(1)	(1)

(1) Within the range of 6.0 to 9.0.

[49 FR 8808, Mar. 8, 1984; 49 FR 26739, June 29, 1984]

§ 421.83 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Subpart H—Zinc Reduction Furnace Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of zinc reduced	
Cadmium	.334	.134
Copper	2.135	1.018
Lead	.467	.217
Zinc	1.702	.701

(b) Subpart H—Preleach of Zinc Concentrates.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of concentrate leached	
Cadmium	.180	.072
Copper	1.153	.550
Lead	.252	.117
Zinc	.919	.378

(c) Subpart H—Leaching Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of zinc processed through leaching	
Cadmium	.000	.000
Copper	.000	.000
Lead	.000	.000
Zinc	.000	.000

(d) Subpart H—Electrolyte Bleed Wastewater.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cathode zinc produced	
Cadmium	.086	.035
Copper	.553	.264
Lead	.121	.056
Zinc	.441	.182

(e) Subpart H—Cathode and Anode Wash Wastewater.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cathode zinc produced	
Cadmium	.150	.060
Copper	.961	.458
Lead	.210	.098
Zinc	.766	.315

(f) Subpart H—Casting Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of zinc cast	
Cadmium	.051	.021
Copper	.329	.157
Lead	.072	.033
Zinc	.262	.108

(g) Subpart H—Casting Contact Cooling.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of zinc cast	
Cadmium	.036	.014
Copper	.232	.110
Lead	.051	.024
Zinc	.185	.076

(h) Subpart H—Cadmium Plant Wastewater.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cadmium produced	
Cadmium	1.234	.494
Copper	7.899	3.765
Lead	1.728	.802
Zinc	6.295	2.592

§ 421.84 Standards of performance for new sources.

Any new source subject to this subpart shall achieve the following new source performance standards:

(a) Subpart H—Zinc Reduction Furnace Wet Air Pollution Control.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of zinc reduced	
Cadmium	.334	.134
Copper	2.135	1.018
Lead	.467	.217
Zinc	1.702	.701
Total suspended solids	25.020	20.020
pH	(1)	(1)

[1] Within the range of 7.5 to 10.0 at all times.

(b) Subpart H—Preleach of Zinc Concentrates.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of concentrate leached	
Cadmium	.180	.072
Copper	1.153	.550
Lead	.252	.117
Zinc	.919	.378
Total suspended solids	13.520	10.810
pH	(1)	(1)

[1] Within the range of 7.5 to 10.0 at all times.

(c) Subpart H—Leaching Wet Air Pollution Control.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of zinc processed through leaching	
Cadmium	.000	.000
Copper	.000	.000
Lead	.000	.000
Zinc	.000	.000
Total suspended solids	.000	.000
pH	(1)	(1)

[1] Within the range of 7.5 to 10.0 at all times.

(d) Subpart H—Electrolyte Bleed Wastewater.